

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/699,024
Source: IFU20
Date Processed by STIC: 08/02/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/699,024

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4 Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped
 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
 In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence. (see item 11 below)
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "**n**" can **only** represent a single nucleotide; "**Xaa**" can **only** represent a single amino acid



IFWO

RAW SEQUENCE LISTING

DATE: 08/02/2006

PATENT APPLICATION: US/10/699,024

TIME: 14:50:53

Input Set : E:\10699024_Sequence_Listing.txt

Output Set: N:\CRF4\08022006\J699024.raw

3 <110> APPLICANT: Hussan, Jagir Razak Jainul Abdeen
 5 <120> TITLE OF INVENTION: Multisequence Data Representation
 7 <130> FILE REFERENCE: JP920030152US1
 9 <140> CURRENT APPLICATION NUMBER: 10/699,024
 10 <141> CURRENT FILING DATE: 2003-10-31
 12 <160> NUMBER OF SEQ ID NOS: 18
 14 <170> SOFTWARE: PatentIn version 3.3
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 10
 18 <212> TYPE: DNA
 19 <213> ORGANISM: First Example Sequence
 21 <400> SEQUENCE: 1
 22 cgcgcgcgcg
 25 <210> SEQ ID NO: 2
 26 <211> LENGTH: 18
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Second Example Sequence
 30 <400> SEQUENCE: 2
 31 acttgatcgg tagctaga
 34 <210> SEQ ID NO: 3
 35 <211> LENGTH: 28
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Third Example Sequence
 39 <400> SEQUENCE: 3
 40 acttgatcgg tagctagacg cgcgcgcg
 43 <210> SEQ ID NO: 4
 44 <211> LENGTH: 39
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Fourth Example Sequence
 48 <400> SEQUENCE: 4
 49 acttgatcgg tagctagacg cgcgcgcgaa ataattaaa
 52 <210> SEQ ID NO: 5
 53 <211> LENGTH: 49
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Fifth Example Sequence
 57 <400> SEQUENCE: 5
 58 acttgatcgg tagctagacg cgcgcgcgaa ataattaaac gcgcgcgcg
 61 <210> SEQ ID NO: 6
 62 <211> LENGTH: 65
 63 <212> TYPE: DNA
 64 <213> ORGANISM: Sixth Example Sequence
 66 <400> SEQUENCE: 6
 67 acttgatcgg tagctagacg cgcgcgcgaa ataattaaac gcgcgcgcgaa caggtatagg

Does Not Comply
Corrected Diskette Needed
(pg. 1-3)

Invalid Response
See Item # 10 on
Error Summary Sheet.
If this is an Artificial
Sequence, Pls give
Source of genetic
Material in
2207, 2237 Sections.
See Item 11 on
Error Summary
Sheet.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/699,024

DATE: 08/02/2006

TIME: 14:50:54

Input Set : E:\10699024_Sequence_Listing.txt

Output Set: N:\CRF4\08022006\J699024.raw

69 ccaac		65
72 <210> SEQ ID NO: 7		
73 <211> LENGTH: 83		
74 <212> TYPE: DNA		
75 <213> ORGANISM: Seventh Example Sequence		
77 <400> SEQUENCE: 7		
78 acttgatcgg tagctagacg cgcgcgcgaa ataattaaac gcgcgcgcga caggtatagg	60	
80 ccaaccggag aagctcccaa aac	83	
83 <210> SEQ ID NO: 8		
84 <211> LENGTH: 93		
85 <212> TYPE: DNA		
86 <213> ORGANISM: Eighth Example Sequence		
88 <400> SEQUENCE: 8		
89 acttgatcgg tagctagacg cgcgcgcgaa ataattaaac gcgcgcgcga caggtatagg	60	
91 ccaaccggag aagctcccaa aaccgcgcgc gcg	93	
94 <210> SEQ ID NO: 9		
95 <211> LENGTH: 109		
96 <212> TYPE: DNA		
97 <213> ORGANISM: Ninth Example Sequence		
99 <400> SEQUENCE: 9		
100 acttgatcgg tagctagacg cgcgcgcgaa ataattaaac gcgcgcgcga caggtatagg	60	
102 ccaaccggag aagctcccaa aaccgcgcgc gcgtactata tcatattac	109	
105 <210> SEQ ID NO: 10		
106 <211> LENGTH: 96		
107 <212> TYPE: DNA		
108 <213> ORGANISM: Tenth Example Sequence		
110 <400> SEQUENCE: 10		
111 gctactgggt aatagcagac gcgcgcgcgg agcgcgacca gtgaaataaa aaaacgcgcg	60	
113 cgcgacagga gtaggccttc tactataact gattac	96	
116 <210> SEQ ID NO: 11		
117 <211> LENGTH: 97		
118 <212> TYPE: DNA		
119 <213> ORGANISM: Eleventh Example Sequence		
121 <400> SEQUENCE: 11		
122 cagtaatcgg actccagcgc gcgcgcgaag gagcggtag gcgaaataat gaaaacaggg	60	
124 ctacgcctgc aaataactaa atactataca ttcttac	97	
127 <210> SEQ ID NO: 12		
128 <211> LENGTH: 112		
129 <212> TYPE: DNA		
130 <213> ORGANISM: Twelfth Example Sequence		
132 <400> SEQUENCE: 12		
133 caaattgtag gggagcgcgc gcgcgcacagg gctacgcaa ccgcgcgcgc gaaataacta	60	
135 aaacctccat actatatact attaccttac aagacgctta tgcaagggct ac	112	
138 <210> SEQ ID NO: 13		
139 <211> LENGTH: 95		
140 <212> TYPE: DNA		
141 <213> ORGANISM: Thirteenth Example Sequence		
143 <400> SEQUENCE: 13		
144 cacgggacga aagtaattcg tagggggcgc gcgcgcgaaa taagaaaaac aggctaagc	60	

Same Error

RAW SEQUENCE LISTING

DATE: 08/02/2006

PATENT APPLICATION: US/10/699,024

TIME: 14:50:54

Input Set : E:\10699024_Sequence_Listing.txt

Output Set: N:\CRF4\08022006\J699024.raw

146 cttccgcgcg cgcggctatg cggcgaaatc cgagc 95
149 <210> SEQ ID NO: 14
150 <211> LENGTH: 33
151 <212> TYPE: DNA
152 <213> ORGANISM: Fourteenth Example Sequence
154 <400> SEQUENCE: 14
155 gctactgggt aatagcagag agcgcgacca gtg 33
158 <210> SEQ ID NO: 15
159 <211> LENGTH: 33
160 <212> TYPE: DNA
161 <213> ORGANISM: Fifteenth Example Sequence
163 <400> SEQUENCE: 15
164 cagtaatcgg actccagaag gagcggtag gcg 33
167 <210> SEQ ID NO: 16
168 <211> LENGTH: 36
169 <212> TYPE: DNA
170 <213> ORGANISM: Sixteenth Example Sequence
172 <400> SEQUENCE: 16
173 acttgatcgg tagctagacg gagaagctcc caaaac 36
176 <210> SEQ ID NO: 17
177 <211> LENGTH: 49
178 <212> TYPE: DNA
179 <213> ORGANISM: Seventeenth Example Sequence
181 <400> SEQUENCE: 17
182 caaattgtag gggagacctc cacttacaag acgcttatgc aagggctac 49
185 <210> SEQ ID NO: 18
186 <211> LENGTH: 48
187 <212> TYPE: DNA
188 <213> ORGANISM: Eighteenth Example Sequence
190 <400> SEQUENCE: 18
191 cacgggacga aagtaattcg taggggggct atgcggcgaa atccgagc 48

same error

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/699,024

DATE: 08/02/2006

TIME: 14:50:55

Input Set : E:\10699024_Sequence_Listing.txt

Output Set: N:\CRF4\08022006\J699024.raw